

Kauai County Integrated Solid Waste Management Plan

Solid Waste Advisory Committee

Meeting #1 – February 28, 2006

Summary Minutes

The following represents the list of individuals who attended the SWAC meeting.

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| 1. Troy Tanigawa | County of Kaua'i – Solid Waste Officer |
| 2. Glenn Sato | County of Kaua'i – Office of Economic Development. |
| 3. Lane Otsu | Office of SW Management, Hawaii Dept. of Health |
| 4. Keith Nitta | County of Kaua'i - Planning Dept. |
| 5. Pete Manos | Kauai Community Recycling Services |
| 6. Steven Kauai | Garden Isle Disposal, Inc. |
| 7. Jeff Kaohi | Kekaha Resident |
| 8. Diane Zachary | Kauai Planning Action and Alliance |
| 9. Bill Cowern | Kauai County Farm Bureau |
| 10. Jean Camp | Resident |
| 11. Jeff Deren | Kauai Island Utility Cooperative |
| 12. Allison Fraley | County of Kaua'I – Recycling Coordinator |
| 13. Kanani Furugen | Office of Council Services Staff |
| 14. Donna Apilato- Schumacher | Resident |
| 15. Ron Kouchi | Kauai Chamber of Commerce |
| 16. Robert Craggs | R.W. Beck, Inc. |
| 17. Karen Luken | R.W. Beck, Inc. |

The following represents a summary of the meeting:

- Introductions

Each of those attending introduced themselves and their affiliation. The attendees and their affiliation are listed above. Robert Craggs, the project manager, provided an overview of R.W. Beck, Inc. and their solid waste management consulting experience both nationally and specific to Hawaii. R.W. Beck, Inc. is the consulting firm that has been selected by the County to assist in the development of the County solid waste management plan. Beck previously completed solid waste management projects for Kauai in the early 1990s.

- Roles and Responsibilities

- R. W. Beck

- Characterize the existing solid waste system
 - Provide background and analysis of solid waste management strategies and technologies

- SWAC

- Assist with the development of the implementation plan
 - Help verify information
 - Provide input/guidance
 - Serve as solid waste ambassadors

- County Government

- Approve plan
 - Serve as the data and system resource
 - Provide reality checks on proposed strategies and technologies
 - Coordinate meeting and distribution of materials

- Kaua'i Residents and Businesses

- Tell us what they prefer and if we are achieving the planning goal

- The Planning Goal and Process

“To develop a financially feasible plan for the residents and businesses of Kaua'i that maximizes waste diversion and ensures access to adequate disposal capacity.”

Discussion took place as to adding to the planning goal the phrase “protects the health of the state”. There was consensus from those attending to modify the planning goal to include this phrase.

Robert Craggs then presented a flow chart that characterizes the proposed scope of work for completing the solid waste management plan. It was requested that Beck provide a 11” by

17” hard copy of the flow chart to the members of the SWAC. Robert Craggs agreed to provide hard copies at the next SWAC meeting.

- Overview of Existing System

Robert then introduced Karen Luken of R.W. Beck. Karen provided a summary description of the existing solid waste management system including the following:

- Reduction
 - Home Composting
- Composting
 - Drop-offs at County Transfer Stations and Landfill
 - Private Composters
- Recycling
 - Residential Drop-Off Bin Program
 - HHW Collection Events
 - Computer Recycling
 - Appliance Recycling
 - Hawaii Bottle Bill
 - Subscription for Curbside Recyclable Materials Collection
- Collection – Local Government and Commercial
- Transfer Stations
- Landfill

- Existing System Strengths and Weaknesses

Much of the remainder of the meeting involved an open discussion of the various components of the existing system. Karen Luken summarized the comments provided by residents at the public meetings and then posed this question for discussion, “What is currently working and not working?” The specific components of the existing system that were discussed and the feedback provided are described below.

Education/Promotion

- Availability of composting bins
- More education of businesses is needed
- Recognition/model of businesses that are recycling
 - Mayor's recognition of Green Business Award
- Tourist communities and message communicated as it related to green issues

Residential refuse collection

- Divert green waste from refuse system so it is not commingled with refuse
- Illegal dumping will increase if have a volume based system
 - Need to offer recycling as an alternative
- Enforcement and prosecution of illegal dumping needs to be enhanced
- Different containers at home
- Bin or two at no charge for recycling
 - Hybrid system of pay as you throw
 - Base set out fee

What is being dumped illegally?

- Residential household and bulky items
- Commercial businesses also

Green Waste Management

- Some concerns about wood waste chipping and commingling of treated wood
- Curbside collection of green waste should be evaluated
- Education of yard waste/contractors for proper management of green waste
- Need C&D regs to promote recycling

Recycling

- Need recycling drop-off containers at all transfer stations
- Collection service needs to be standardized throughout the island
- Tourist recycling
 - Need to promote for glass, containers, and paper
- Promote proper management of CRTs – preclude landfilling
- Phone books can be recycled but where?
 - Garden Isle – drop-off program

HI 5 Program

- Redemption centers need to be adequately staffed

Special and Problem Wastes

- Abandoned vehicles program was established to address on County roads, County property, and states roads.

- Recent revision of law allows County to go on right-of-ways of private property owners
- Need to prosecute those abandoning vehicles for illegal dumping
- Fine of \$100 is inadequate

Transfer Stations

Landfills

WTE

What assumptions will be used in making energy projections when evaluating this alternative?

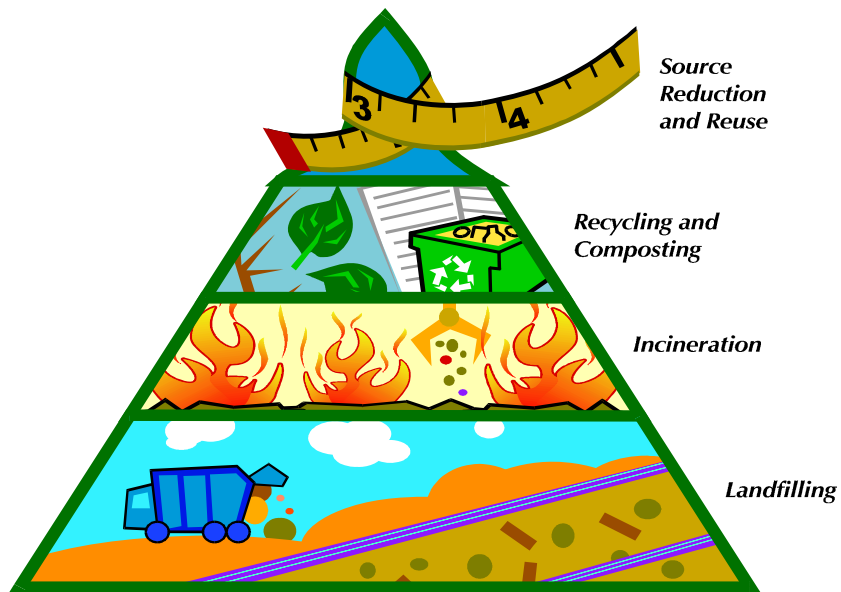
Funding

- County's management philosophy needs to focus on developing a more efficient system to reduce costs
- Hybrid plan – flat rate for limited service and per unit charges for additional services
- Fixed Income Residents – Need fees structured to obtain property tax deduction

Proposed Evaluation Criteria – Selection of New Programs

- Environmental Impacts and Regulatory Considerations
- Economics and Financial Considerations
- Systems Compatibility with Existing/Planned
- Social and Political Acceptability
- Quality of Technology

Future SWAC Meeting topics characterized in the figure below:



- Next meeting scheduled for March 28 – Topics to include an overview of the waste characterization results and presentation of potential alternative waste reduction technologies

Public Comments – None offered